

# Specifications — VTT001 Series, VTR001 Series

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## Video

Number/signal type.....	1 set of proprietary analog signals
Connectors .....	1 RJ-45 female jack or 1 RJ-45 female jack on a 3" (7.6 cm) pigtail

## Video input

Number/signal type	
VTT001 series.....	RGBHV, RGBS
VTR001 series.....	1 set of proprietary analog signals from a VTT001 model or an IN1404XT
Connectors	
VTT001 series.....	(1) 15-pin HD female
VTR001.....	1 RJ-45 female jack
VTR001 MAAP/AAP .....	1 RJ-45 female jack on a 3" (7.6 cm) pigtail
Nominal level .....	0.7 Vp-p for RGB
Minimum/maximum levels.....	Analog: 0.3 V to 1.45 Vp-p with no offset at unity gain
Impedance.....	75 ohms
Horizontal frequency.....	15 kHz to 130 kHz
Vertical frequency.....	30 Hz to 150 Hz

## Video output

Number/signal type	
VTT001 series.....	1 set of proprietary analog signals
VTR001 series.....	RGBHV, RGBS
Connectors	
VTT001.....	1 RJ-45 female jack
VTT001 MAAP/AAP .....	1 RJ-45 female on a 3" (7.6 cm) pigtail
VTR001 series.....	(1) 15-pin HD female
Nominal level .....	0.7 V p-p for RGB
Minimum/maximum levels.....	0.3 V to 1.45 Vp-p
Impedance.....	75 ohms
Maximum resolution .....	1600x1200

**NOTE** Refer to the user's manual for the maximum distances recommended for specific resolutions.

## Sync

Input type	
VTT001 series.....	RGBHV, RGBS
Output type	
VTR001 series.....	RGBHV, RGBS
Input level .....	2.0 V to 5.5 Vp-p with $\pm 0.2$ VDC offset max.
Output level .....	3.0 V to 4.0 Vp-p
Input impedance .....	Hi-Z
Output impedance .....	75 ohms
Max. propagation delay .....	580 ns
Max. rise/fall time .....	45 ns
Polarity.....	Negative

## General

Recommended cable type.....	CAT 5/5E/6 (shielded or unshielded)
Power .....	Supplied by an external power supply
External power supply .....	100 VAC to 240 VAC, 50/60 Hz, external; to 9 to 12 VDC, 2 A, regulated
Power input requirements.....	12 VDC, 0.1 A for VTT 12VDC, 0.15 A for VTR

## Specifications — VTT001 Series, VTR001 Series, cont'd

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Temperature/humidity .....	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling .....	Convection, no vents
Rack mount .....	Yes, also furniture and wall mountable with optional mounting hardware
Enclosure type .....	Metal
Enclosure dimensions	
VTT001/VTR001 MAAP	
Faceplate.....	1.4" H x 2.2" W x <0.1" D (3.5 cm H x 5.6 cm W x 0.1 cm D) (double space high MAAP plate)
VTT001/VTR001 AAP	
Faceplate.....	1.4" H x 3.5" W x 0.1" D (3.5 cm H x 8.9 cm W x 0.3 cm D) (double space high AAP plate)
VTT001 series	
Device .....	1.4" H x 1.4" W x 1.4" D (3.5 cm H x 3.5 cm W x 3.5 cm D) (Depth excludes connectors.)
VTR001 series	
Device .....	1.4" H x 1.4" W x 1.75" D (3.5 cm H x 3.5 cm W x 4.4 cm D) (Depth excludes connectors.)
Product weight .....	1.0 lbs (0.5 kg)
Shipping weight .....	3 lbs (2 kg)
Vibration.....	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety.....	CE, C-tick, CUL, UL
EMI/EMC .....	CE, C-tick, FCC Class A, ICES, VCCI
MTBF.....	30,000 hours
Warranty .....	3 years parts and labor

**NOTE** All nominal levels are at  $\pm 10\%$ .

**NOTE** Specifications are subject to change without notice.

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